CALIFORNIA BUILDING STANDARDS COMMISSION

2525 Natomas Park Drive, Suite 130 Sacramento, CA 95833 (916) 263-0916 FAX (916) 263-0959



November 30, 2010

Richard Snyder, Building Official City of Vista – Building Division 200 Civic Center Drive Vista, CA 92084-6275

Dear Mr. Snyder,

This is to acknowledge receipt of the City of Vista submittal pertaining to Ordinance No. 2010-17 with findings on October 26, 2010. As the law states, no local modification or change to the California Building Standards Code (Code) shall become effective or operative for any purpose until the finding and the modification or change have been filed with the California Building Standards Commission (the Commission).

As a reminder, local modifications are specific to a particular edition of the Code. They must be readopted and filed with the Commission in order to remain in effect when the next triennial edition of the Code is published. In addition, should you receive Fire Protection District ordinances for ratification, it is required to submit the ratified ordinances to the Department of Housing and Community Development [H&SC Section 13869.7(c)], attention State Housing Law Program Manager, rather than the Commission.

This letter attests only to the filing of these local modifications with the Commission, which is not authorized by law to determine the merit of the filing. If you have any questions or need any further information, you may contact me at (916) 263-0916.

Sincerely,

CC:

Senior Architec

Chron

Local Filings



October 22, 2010

California Building Standards Commission 2525 Natomas Park Drive, Suite 130 Sacramento, CA 95833

To whom it may concern:

I have enclosed a copy of our City of Vista Ordinance 2010-17 which adopts the 2010 California model codes by reference with local amendments. The ordinance includes the required findings for each code revision.

Sincerely,

Richard Snider

City of Vista - Building Division

Assistant Community Development Director/

Building Official

(760) 726-1340, ext. 1280

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ORDINANCE NO. 2010-17

AN ORDINANCE OF THE CITY COUNCIL OF THE CHARTERED CITY OF VISTA, CALIFORNIA, AMENDING TITLE 16 0F THE VISTA MUNICIPAL CODE, ADOPTING BY REFERENCE PARTS 1, THROUGH 6, 8, AND 10 THROUGH 12 OF TITLE 24 OF THE CALIFORNIA CODE OF REGULATIONS

WHEREAS, the City Council of the Chartered City of Vista hereby finds that the public health, safety, and welfare will be best protected and served by the adoption of various building and construction industry codes that are established and maintained by the State Building Standards Commission; and

WHEREAS, Section 17958 of the Health and Safety Code mandates that the City of Vista adopt ordinances and regulations imposing the same requirements as are contained in the regulations adopted by the State pursuant to the Health and Safety Code Section 17922; and

WHEREAS, Section 17958.5 of the Health and Safety Code permits the City to make changes or modifications as are reasonably necessary because of local conditions; and

WHEREAS, Section 17958.5 requires that the City make finding that such changes and modifications are needed due to climatic, geographic, or topographic conditions; and

WHEREAS, Section 18938 et seq. of the California Health and Safety Code specifies that the California Building Standards Code applies to all occupancies throughout the State; and

NOW, THEREFORE, the City Council of Vista does ordain as follows:

Section 1. Chapter 16.08 of the Vista Development Code is hereby amended to read as follows:

Chapter 16.08

California Building Code

Sections:

| 16.08.010 | Adoption |
|-----------|---|
| 16.08.020 | Chapter 1, Division II, Section 101.4.1 Amended |
| 16.08.030 | Chapter 1, Division II, Section 101.4.2 Amended |
| 16.08.040 | Chapter 1, Division II, Section 101.4.3 Amended |
| 16.08.050 | Chapter 1, Division II, Section 101.4.4 Deleted |
| 16.08.060 | Chapter 1, Division II, Section 101.4.5 Amended |
| 16.08.070 | Chapter 1, Division II, Section 105.3.2 Amended |
| 16.08.080 | Chapter 1, Division II, Section 105.5 Amended |
| 16.08.090 | Chapter 1, Division II, Section 109.4 Amended |
| 16.08.100 | Chapter 1, Division II, Section 109.6 Amended |
| 16.08.110 | Chapter 1, Division II, Section 110.3.5 Exception Deleted |
| 16.08.120 | Chapter 1, Division II, Section 110.4 Amended |
| 16.08.130 | Chapter 2, Section 202 Amended |
| 16.08.140 | Required Installation of Automatic Fire Extinguishing Systems |
| 16.08.150 | Section 1505.1 Amended |
| 16.08.160 | Chapter 31, Section 3109.4.1 Amended |
| | |

Section 16.08.010 Adoption

The 2010 California Building Standards Code, Part 2, Volumes 1 and 2, including Appendix H and Appendix I, known as the California Building Code, as published and adopted by the California Building Standards Commission, including amendments, is hereby adopted by reference and incorporated herein as if fully set forth.

Section 16.08.020 Chapter 1, Division II, Section 101.4.1 Amended

Section 101.4.1 is amended as noted:

Section 101.4.1 Gas. The provisions of the California Plumbing Code shall apply to the installation of gas piping from the point of delivery, gas appliances and related accessories as covered in this code. These requirements apply to gas piping systems extending from the point of delivery to the inlet connections of appliances and the installation and operation of residential and commercial gas appliances and related accessories.

Section 16.08.030 Chapter 1, Division II, Section 101.4.2 Amended

Section 101.4.2 is amended as noted:

Section 101.4.2 Mechanical. The provisions of the California Mechanical Code shall apply to the installation, alterations, repairs and replacement of mechanical systems, including equipment, appliances, fixtures, fittings and/or appurtenances, including ventilating, heating, cooling, air-conditioning and refrigeration systems, incinerators and other energy-related systems.

Section 16.08.040 Chapter 1, Division II, Section 101.4.3 Amended

Section 101.4.3 is amended as noted:

Section 101.4.3 Plumbing. The provisions of the California Plumbing Code shall apply to the installation, *alteration*, repair and replacement of plumbing systems, including equipment, appliances, fixtures, fittings and appurtenances, and where connected to a water or sewage system and all aspects of medical gas system.

Section 16.080.050 Chapter 1, Division II, Section 101.4.4 Deleted

Section 101.4.4 is deleted.

Section 16.08.060 Chapter 1, Division II, Section 101.4.5 Amended

Section 101.4.5 is amended as noted:

Section 101.4.5 Fire Prevention. The provisions of the California Fire Code shall apply to matters affecting or relating to structures, processes and premises from the hazard of fires and explosion arising from the storage, handling or use of structures, materials or devices; from conditions hazardous to life, property or public welfare in the occupancy of structures or premises; and from the construction, extension, repair, alteration or removal of fire suppression and alarm systems or fire hazards in the structure or on the premises from occupancy or operation.

Section 16.08.070 Chapter 1, Division II, Section 105.3.2 Amended

Section 105.3.2 is amended to read:

Section 105.3.2 Time limitation of application. An application for a permit for any proposed work shall be deemed to have been abandoned one calendar year after the date of filing, unless such application has been pursued in good faith or a permit has been issued. No additional time or time extensions are allowed.

Section 16.08.080 Chapter 1, Division II, Section 105.5 Amended

Section 105.5 is amended to read:

Section 105.5 Expiration. Every permit issued shall become invalid unless the work on the site authorized by such permit is commenced within 180 calendar days after its issuance, or if the work authorized on the site by such permit is suspended or abandoned for a period of 180 calendar days after the time the work is commenced. The building official is authorized to grant in writing one time extension of 180 calendar days. The extension shall be requested in writing and justifiable cause demonstrated.

Section 16.08.090 Chapter 1, Division II, Section 109.4 Amended

Section 109.4 is amended to read:

Section 109.4 Work commencing before permit issuance. Any person who commences any work on a building, structure, electrical, gas, mechanical or plumbing system before obtaining the necessary permits shall be subject to a penalty equal to the permit fee to be paid in addition to the permit fee when obtaining the building permit.

Section 16.08.100 Chapter 1, Division II, Section 109.6 Amended

Section 109.6 is amended to read:

Section 109.6 Refunds. Refunds for a permit or plan review, when no work has commenced, shall be limited to the fee paid minus the cost equal to all services provided including refund processing.

Section 16.08.110 Chapter 1, Division II, Section 110.3.5 Exception

Section 110.3.5 exception is deleted.

Section 16.08.120 Appendix Chapter 1, Division II, Section 110.4 Amended

Section 110.4 is amended to read:

Section 110.4 Inspection agencies. The building official is authorized to accept reports of approved inspection agencies, provided such agencies satisfy the requirements as to qualifications and reliability. The inspection agencies shall have written approval from the building official prior to any inspections. If written approval is not obtained prior to the actual inspections, the building official may reject all inspection reports and the applicant shall cause to have all work re-inspected by an approved inspector.

Section 16.08.130 Chapter 2, Section 202

Section 202 is amended to add this definition:

Reconstruction. If the value of reconstruction (or renovation) of a building is equal to or exceeds 75 percent of the value of the building immediately prior to such

reconstruction, the entire building shall comply with the code provisions for new construction. The value of the reconstruction (or renovation) for a property shall include the value of all construction stemming from construction related permits issued within the last two years. The value shall be determined by using the City adopted building valuation table.

Section 16.08.140 Required Installation of Automatic Fire Extinguishing Systems

Automatic fire extinguishing systems shall be installed in accordance with Section 903.2 of the California Fire Code as amended by Section 16.40.050 of the Vista Code.

Section 16.08.150 Chapter 15, Section 1505.1 Amended

Section 1501.1 is amended to read:

1505.1 General. Roof assemblies shall be divided into the classes defined below. Class A, B and C roof assemblies and roof coverings required to be listed by this section shall be tested in accordance with ASTM E 108 or UL 790. In addition, fire retardant-treated wood roof coverings shall be tested in accordance with ASTM D 2898. The minimum roof coverings installed on building shall comply with Table 1505.1 based on the type of construction of the building.

Exception: Skylights and sloped glazing that comply with Chapter 24 or Section 2610.

Wood roof coverings are prohibited with the following exception:

"Re-roofing of less than 10 percent of the total roof area of existing wood roof coverings in four years may be done with fire-retardant shakes or shingles."

Section 16.08.160 Chapter 31, Section 3109.4.1

Section 3109.4.1 is amended to read:

Section 3109.4.1 Barrier height and clearances. The top of the barrier shall be at least 60 inches above grade measured on the side of the barrier that faces away from the swimming pool. The maximum barrier clearance between grade and the bottom of the barrier shall be 2 inches measured on the side of the barrier that faces away from the swimming pool. Where the top of the pool structure is above grade, the barrier is authorized to be at ground level of mounted on top of the pool structure, and the maximum vertical clearance between the top of the pool structure and the bottom of the barrier shall be 4 inches.

Section 2. Chapter 16.10 of the Vista Development Code is hereby amended to read as follows:

California Historical Building Code

Sections:

16.10.010 Adoption

Section 16.10.010 Adoption

The 2010 California Building Standards Code, Part 8, California Historical Building Code, as published and adopted by the California Building Standards Commission, is adopted by reference and incorporated herein as if fully set forth in this chapter.

Section 3. Chapter 16.14 of the Vista Development Code is hereby amended to read as follows:

California Existing Building Code

Section:

16.14.010 Adoption

Section 16.14.010 Adoption

The 2010 California Building Standards Code, Part 10, California Existing Building Code as adopted by the California Building Standards Commission, is adopted by reference and incorporated herein as if fully set forth in this chapter.

Section 4. Chapter 16.22 of the Vista Development Code is hereby amended to read as follows:

Chapter 16.22

California Residential Code

Sections:

| 16.22.010 | Adoption |
|-----------|--|
| 16.22.020 | Chapter 1, Division II, Section R102.1 Amended |
| 16.22.030 | Chapter 1, Division II, Section R105.3.2 Amended |
| 16.22.040 | Chapter 1, Division II, Section R108.5 Amended |
| 16.22.050 | Chapter 1, Division II, Section R108.6 Amended |
| 16.22.060 | Chapter 2, Section R202 Amended |
| 16.22.070 | Chapter 3, Section R313.2 Amended |
| 16.22.080 | Chapter 9, Section 902.1 Amended |

16.22.090 Appendix G Section AG101.1 Amended

16.22.100 California Building Code Title 24 Part 2, Chapter 31, Section 3109.4.1

Amended

16.22.110 Appendix K, Section AK101.1 Amended

Section 16.22.010 Adoption

The 2010 California Residential standards code part 2.5 including Appendix G, appendix H, and appendix K known as the California Residential Code, as published and adopted by the California Building Standards Commission, including amendments, is hereby adopted by reference and incorporated herein as if fully set forth.

Section 16.22.020 Chapter 1, Division II, Section R102.1 Amended

Section R102.1 is amended to read:

Section R102.1 General. Where there is a conflict between a general requirement and a specific requirement, the specific requirement shall be applicable. Where in any specific case, different sections of the code specify different materials, methods of construction or other requirements the most restrictive shall govern. Where in any specific case, the California Residential Code does not have a provision that is included in the California Building Code that would be applicable due the type or method or construction the California Building Code provisions will apply.

Section 16.22.030 Chapter 1, Division II, Section R105.3.2 Amended

Section R105.3.2 is amended to read:

Section R105.3.2 Time limitation of application. An application for a permit for any proposed work shall be deemed to have been abandoned one calendar year after the date of filing unless such application has been pursued in good faith or a permit has been issued. No additional time or time extensions are allowed.

Section 16.22.040 Chapter 1, Division II, Section R108.5 Amended

Section R108.5 is amended to read:

Section R108.5 Refunds. Refunds for permit when no work has commenced shall be limited to the permit cost minus a fee equal to all services provided including refund processing.

Section 16.22.050 Chapter 1, Division II, Section R108.6

Section R108.6 is amended to read:

Section R108.6 Work commencing before permit issuance. Any person who commences work that requires a permit on a building, electrical, mechanical, or plumbing system before obtaining the necessary permits shall be subject to a to a penalty equal to the permit fee to be paid in addition to the permit fee when obtaining the building permit.

Section 16.22.060 Chapter 2, Section R202

Section R202 is amended to add this definition:

Section R202 Reconstruction. If the value of reconstruction (or renovation) of a building is equal to or exceeds 75 percent of the value of the building immediately prior to such reconstruction, the entire building shall comply with the code provisions for new construction. The value of reconstruction (or renovation) for a property shall include the value of all construction stemming from construction related permits issued within the last two years. The value shall be determined by using the city adopted building valuation table.

Section 16.22.070 Chapter 3, Section R313.2

Section R313.2 is amended to read:

Section R313.2 One and two-family dwellings automatic fire systems. An automatic residential fire sprinkler system shall be installed in all new R occupancies.

Exception: An automatic residential fire sprinkler system shall not be required for additions or alterations to existing building that are not already equiped with an automatic residential sprinkler system. Detached R occupancy buildings accessory to a single or two-family building intended for intermittent use and less than 500 square feet will not require fire sprinkler protection.

Section 16.22.080 Chapter 9, Section 902.1

Section R902.1 is amended to read:

Section R902.1 Roofing covering materials. Roofs shall be covered with materials as set forth in Sections R904 and R905. A minimum Class A, B, or C roofing shall be installed in areas designated by this section. Class A, B, C roofing required by this section to be listed shall be tested in accordance with UL 790 or ASTM E 108.

Exceptions:

- 1. Class A roof assemblies include those with coverings of brick, masonry, and exposed concrete roof deck.
- Class A roof assemblies also include ferrous or copper shingles or sheets, metal sheets and shingles, clay or concrete roof tile, or slate installed on noncombustible decks.

Wood roof coverings are prohibited with the following exception: Re-roofing of less than 10% or the total roof area of existing wood roof covering in four years may be done with fire-retardant shakes or shingles.

Section 16 18.080 Chapter 9 Section R907.3

Chapter 9 Section R907.3 Recovering versus replacement is amended to read.

Section R907.3 Recovering versus replacement. New roof coverings shall not be installed without first removing all existing layers of roof coverings where any of the following conditions exist:

- 1. Where the existing roof or roof covering is water-soaked or has deteriorated to the point that the existing roof or roof covering is not adequate as a base for additional roofing.
- 2. Where the existing roof covering is wood shake, slate, clay cement or asbestos-cement tile.
- 3. Where the existing roof has two or more applications of any type of roof covering.
- 4. For asphalt shingles, when the building is in an area subject to moderate or severe hail exposure according to Figure R903.5.

Exceptions:

- 1. Complete and separate roofing systems, such as standing-seam metal roof systems, that are designed to transmit the roof loads directly to the building's structural system and that do not rely on existing roofs and roof coverings for support, shall not require the removal of existing roof coverings.
- 2. The application of new protective coating over existing spray polyurethane foam roofing systems shall be permitted without tear-off exiting roof coverings.

Section 16.22.090 Appendix G, Section AG101.1

Section AG101.1 is amended to read:

Section AG101.1 General. The provisions of Chapter 31 Section 3109 of the California Building Code Title 24 Part 2 apply to residential pool construction.

Section 16.22.100 California Building Code Title 24 Part 2, Chapter 31, Section 3109.4.1

Section 3109.4.1 is amended to read:

Section 3109.4.1 Barrier height and clearances. The top of the barrier shall be at least 60 inches above grade measured on the side of the barrier that faces away from the swimming pool. The maximum barrier clearance between grade and the bottom of

the barrier shall be 2 inches measured on the side of the barrier that faces away from the swimming pool. Where the

top of the pool structure is above grade, the barrier is authorized to be at ground level if mounted on top of the pool structure, and the maximum vertical clearance between the top of the pool structure and the bottom of the barrier shall be 4 inches.

Section 16.22.110 Appendix K, Section AK101.1

Section AK101.1 is amended to read:

Section AK101.1 General. Wall and floor-ceiling assemblies separating dwelling units including those separating town-house units shall comply with the California Building Code Title 24 Part 1 Section 1207.

Section 5. Chapter 16.24 of the Vista Development Code is hereby amended to read as follows:

, California Mechanical Code

Sections:

16.24.010 Adoption

Section 16.24.010 Adoption

The 2010 California Building Standards Code, Part 4, California Mechanical Code, as published and adopted by the California Building Standards Commission, is adopted by reference and incorporated herein as if fully set forth in this chapter.

Section 6. Chapter 16.26 of the Vista Development Code is hereby amended to read as follows:

California Energy Code

Sections:

16.26.010 Adoption

Section 16.26.010 Adoption

The 2010 California Building Standards Code, Part 6, California Energy Code, as published and adopted by the California Building Standards Commission, is adopted by reference and incorporated herein as if fully set forth in this chapter.

Section 7.

Chapter 16.28 of the Vista Development Code is hereby amended to read

as follows:

California Electric Code

Sections:

16.28.010

Adoption

Section 16.28.010

Adoption

The 2010 California Building Standards Code, Part 3, California Electrical Code, as published and adopted by the California Building Standards Commission, is adopted by reference and incorporated herein as if fully set forth in this chapter.

Section 8.

Chapter 16.30 of the Vista Development Code is hereby amended to read

as follows:

California Green Building Standards Code

Sections:

16.30.010

Adoption

Section 16.30.010

Adoption

The 2010 California Building Standards Code, Part 11, California Green Building Standards Code, as published and adopted by the California Building Standards Commission, is adopted by reference and incorporated as if fully set forth in this chapter.

Section 9. Chapter 16.32 of the Vista Development Code is hereby amended to read as follows:

California Plumbing Code

Sections:

16.32.010

Adoption

Section 16.32.010

Adoption

The 2010 California Building Standards Code, Part 5, California Plumbing Code, as published and adopted by the California Building Standards Commission, is adopted by reference and incorporated as if fully set forth in this chapter.

Section 10. Chapter 16.34 of the Vista Development Code is hereby amended to read as follows:

California Referenced Standards Code

Sections:

16.34.010 Adoption

Section 16.34.010 Adoption

The 2010 California Building Standards Code, Part 12, California Referenced Standards Code, as published and adopted by the California Building Standards Commission, is adopted by reference and incorporated as if fully set forth in this chapter.

Section 11. The City Council finds that the amendments of sections 16.08.140 and 16.08.0150 to the California Building Code and sections 16.22.070 and 16.22.080 to the California Residential Code are necessary to address local climatic and topographical issues as described in the following findings:

Finding 1. The seasonal conditions of the local climate during the late summer and fall create serious difficulties controlling fires and protecting property from wildfires. The hot, dry weather typical of this climate in the summer and fall, coupled with the Santa Ana winds, frequently results in wildfires which threaten the City of Vista. The most highly flammable vegetation in the world occurs naturally in this region. Fire resistive wood roofs have a direct bearing on building survival in a wild land fire.

Finding 2. The topography of Vista presents problems in the delivery of emergency services, including fire protection. Hilly terrain with narrow winding roads, combined with poor circulation, prevent rapid access and make the delivery of water on a fire extremely difficult.

Section 12. This ordinance shall be effective on January 1st, 2011.

INTRODUCED AND ADOPTED at a meeting of the City Council held on October12, 2010 by the following votes:

AYES:

MAYOR VANCE, RITTER, GRONKE, CAMPBELL, LOPEZ

NOES:

NONE

ABSTAIN: NONE

MORRIS B. VANCE, Mayor

APPROVED AS TO FORM:

Darold Pieper, City Attorney

Ву:

ATTEST:

Marci Kilian, City Clerk

Bv:

BUILDING STANDARDS COMMISSION

2525 Natomas Park Drive, Suite 130 Sacramento, California 95833-2936 (916) 263-0916 FAX (916) 263-0959



January 10, 2011

Robert L. Gmur, Assistant Fire Marshal City of Vista Fire Department 200 Civic Center Drive Vista, CA 92084-6275

Dear Mr. Gmur:

This letter is to acknowledge receipt on December 16, 2010 of the City of Vista submittal pertaining to Ordinance No. 2010-18 with findings and is acceptable for filing. Per Health and Safety Code Section 17958.8 no modification or change to the California Building Standards Code shall become effective or operative for any purpose until the finding and the modification or change have been filed with the California Building Standards Commission (the Commission).

This letter attests only to the filing of these local modifications with the Commission, which is not authorized by law to determine the merit of the filing.

As a reminder, local modifications are specific to a particular edition of the Code. They must be readopted and filed with the Commission in order to remain in effect when the next triennial edition of the Code is published. In addition, should you receive Fire Protection District ordinances for ratification, it is required to submit the ratified ordinances to the Department of Housing and Community Development [H&SC Section 13869.7(c)], attention State Housing Law Program Manager, rather than the Commission.

If you have any questions or need any further information, you may contact me at (916) 263-0916.

Sincerely,

Senior Architect

cc: Chron_

Local Filings

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December 13, 2010

California Building Standards Commission 2525 Natomas Park Drive, Suite 130 Sacramento, CA 95833

Subject: 2010 California Fire Code adoption

To Whom It May Concern:

As required by the California Fire Code, please find included the amendments, additions or deletions, and the relevant findings for the 2010 California Fire Code as adopted by the City of Vista.

Please contact me if you have any questions regarding this filing.

Yours for Safer Communities,

Robert L. Kingur, Assistant Fire Marshal

Vista Fire Department

(760) 726-1340 extension 2046

CITY OF VISTA ORDINANCE NO. 2010-18

AN ORDINANCE OF THE CHARTERED CITY OF VISTA ADOPTING THE CALIFORNIA FIRE CODE, 2010 EDITION, AND APPENDICES CHAPTER 4, B, and F WITH CERTAIN AMENDMENTS AS PUBLISHED BY THE CALIFORNIA BUILDING STANDARDS COMMISSION

WHEREAS, the City Council of the Chartered City of Vista does herewith find that the jurisdiction has certain topographical, geologic and climatic features, as set forth and incorporated herein, that can have a deleterious effect on emergency services such as fire protection and emergency medical services, and,

WHEREAS, Health & Safety Code Section 17958 mandates that the City of Vista shall adopt ordinances or regulations imposing the same requirements as are contained in the regulations adopted by the state pursuant to Health & Safety Code, section 17922; and

WHEREAS, the state of California is mandated by Health & Safety Code Section 17922 to impose the same requirements as are contained in the 2010 California Fire Code hereinafter referred to collectively as the Fire Code; and,

WHEREAS, Health & Safety Code Section 17958.5 permits the City to make such changes or modifications to the Codes as are reasonably necessary because of local conditions; and,

WHEREAS, Health & Safety Code Section 17958.7 requires that the City before making any changes or modifications pursuant to Section 17958.5 make express findings that such changes or modifications are needed due to climatic, geographic, or topographic conditions; and,

WHEREAS, the City Council of the Chartered City of Vista does herewith find that the City has certain climatic, geologic, and topographical features that can have a deleterious effect on emergency services such as fire protection and emergency medical services, and,

WHEREAS, the City Council finds that the modifications and changes to the California Fire Code are reasonably necessary because of local climatic, geological, and topographical conditions as identified in SECTION 1.

WHEREAS, certain amendments to the California Fire Code serve to mitigate to the extent possible said deleterious effects:

NOW THEREFORE, the City Council of the Chartered City of Vista does ordain as follows;

Ordinance 2007-22 of the City of Vista is hereby repealed.

SECTION 1. FINDINGS FOR THE FIRE CODE

Finding 1

The City Council of the Chartered City of Vista does herewith make findings on the slopes of and at the base of the San Marcos Mountains, with drainages from the north and east portions of the jurisdiction, including Agua Hedionda Creek and Buena Creek, create flood conditions that carry the potential for overcoming the ability of the fire department to aid or assist in fire control, evacuations, rescues and the emergency task demands inherent in such situations. The potential for flooding conditions result in limiting fire department emergency vehicular traffic, with resulting overtaxing fire department personnel, may further cause a substantial or total lack of protection against fire for the buildings and structures located within the jurisdiction.

Finding 2

The City of Vista is situated near several known major faults, each capable of generating earthquakes of significant magnitude. These are the Rose Canyon Fault, west of the jurisdiction, the Elsinore Fault, and the Agua Caliente Fault, located east of the District, the Newport – Inglewood, the Coronado Banks, and the Silver Strand Faults, located generally west of the jurisdiction. These faults are subject to becoming active at any time; the City of Vista is particularly vulnerable to devastation should such an earthquake occur.

The potential effects of earthquake activity include isolating certain areas of the City of Vista from the surrounding area and restricting or eliminating internal circulation due to the potential for collapsing of highway overpasses and underpasses, along with other bridges in the area, or an earth slide, and the potential for vertical movement rendering surface travel unduly burdensome or impossible.

Finding 3

The City of Vista has Interstate 78 highway which bisects the City. This Interstate highway is designated by the California Highway Patrol as an approved transportation route for hazardous materials, such as, blasting and explosive agents, highly toxic and radioactive materials.

The potential for release or threatened release of a hazardous material along this route is highly probable given the volume transported daily. Incidents of this nature will normally require all available emergency response personnel to prevent injury and loss of life and to prevent, as far as practicable, property loss. Emergency personnel responding to such aforementioned incidents may be unduly impeded and delayed in accomplishing an emergency response as a result of this situation. With the potential result of undue and

SECTION 1. FINDINGS FOR THE FIRE CODE

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The City Council of the Chartered City of Vista does herewith make findings on the slopes of and at the base of the San Marcos Mountains, with drainages from the north and east portions of the jurisdiction, including Agua Hedionda Creek and Buena Creek, create flood conditions that carry the potential for overcoming the ability of the fire department to aid or assist in fire control, evacuations, rescues and the emergency task demands inherent in such situations. The potential for flooding conditions result in limiting fire department emergency vehicular traffic, with resulting overtaxing fire department personnel, may further cause a substantial or total lack of protection against fire for the buildings and structures located within the jurisdiction.

Finding 2

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unnecessary risk to the protection of life and public safety and, in particular, endangering residents and occupants in buildings or structures without the protection of automatic fire sprinklers.

Finding 4

Much of the rural area of the City of Vista is mountainous topography and certain areas have less than adequate infrastructure needed for water supply (fire flow); in addition, the area experiences water shortages from time to time. Those conditions have severely adverse effects on water availability for firefighting. Fires starting in sprinklered buildings are typically controlled by one or two sprinkler heads, flowing as little as 26 gallons per minute.

Hose streams used by engine companies on well-established structure fires operate at about 250 gallons per minute each, and the estimated water need for a typical residential fire is 1,250 to 1,500 gallons per minute, according to the Insurance Service Office and the California Fire Code.

Under circumstances such as, lack of water infrastructure, earthquakes, multiple fires and wildland fires within a community, the limited water demands needs of residential fire sprinklers would control and extinguish many fires before they spread from building to wildland. In such a disaster, water demands needed for conflagration firefighting probably would not be available.

Finding 5

The topography of the City of Vista presents problems in delivery of emergency services, including fire protection. Hilly terrain with narrow, winding roads with little circulation prevents rapid access and orderly evacuation. Much of these hills are covered with highly combustible natural vegetation. In addition to access and evacuation problems, the terrain makes delivery of water extremely difficult. Some hill areas are served by water pump systems subject to failure in fire, high winds, earthquake and other power failure situations. This would only allow domestic gravity feed water from tanks and not enough water for fire fighting.

Finding 6

Due to the mountainous topography in much of the rural areas of the City of Vista, it is very important that roadways be named and identified in order to facilitate emergency response.

Finding 7

Due to the mountainous topography in much of the rural areas of the City of Vista, steep, narrow and winding roads and areas of heavy brush are common. These features make it difficult for emergency response personnel to easily and quickly find the location

of the site that requires assistance. It is therefore essential that street numbers and signs be easily readable to ensure the quickest response times for a given location.

Finding 8

Due to access and mountainous topography in much of the rural areas of the City of Vista, difficult roadway conditions, gates, excessive angle of approach or departure, steeply sloping roadways and grades are common. In addition, combining the climatic condition of potentially severe rainstorms and the geologic condition of ground water retention in many areas of the City of Vista where there is expansive soil produces a condition wherein the moisture content of the soil is sufficient that roadways become damaged due to soil expansion and shrinkage. All weather surfaces capable of supporting the imposed loads of fire apparatus are necessary to ensure access of emergency response personnel. These roadways, gates, approach angles, steep slopes and grades can also make it difficult for fire engines and other emergency vehicles to access a site. It is therefore essential that these roadway accesses be provided with proper all weather surfaces, angle of approach, grades and gate access.

Finding 9

Rural areas in the City of Vista can have special fire prevention needs not fully covered by the provisions of the Vista Fire Code itself. This is due to the unique topographic features found in mountain areas, forest-covered lands of brush or grass covered lands and/or accumulation of combustible or hazardous materials.

The City Council of the Chartered City of Vista does ordain as follows;

SECTION 2. ADOPTION OF THE CALIFORNIA FIRE CODE, 2010 EDITION, CHAPTER 4, B, and F WITH CERTAIN AMENDMENTS.

That certain documents, three (3) copies of which are on file in the office of the Clerk or the Fire Marshal of the City of Vista being marked and designated as the California Fire Code, 2010 edition, including Appendix Chapters 4, B, and F as published by the California Building Standards Commission, are hereby adopted as the Fire Code of the City of Vista, in the State of California regulating and governing the safeguarding of life and property from fire and explosion hazards arising from the storage, handling and use of hazardous substances, materials and devices, and from conditions hazardous to life or property in the occupancy of buildings and premises herein provided; providing for the issuance of permits and collection of fees therefore; and each and all of the regulations, provisions, penalties, conditions and terms of said Fire Code on file in the offices of the City of Vista are hereby referred to, adopted, and made a part hereof, as if fully set out in this ordinance, with the additions, insertions, deletions and changes, if any, prescribed in Section 3 of this ordinance.

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SECTION 3. AMENDMENTS TO THE CALIFORNIA FIRE CODE, 2010 EDITION, AND APPENDICES CHAPTER 4, B, and F.

That Chapter 16.40 of the Vista Development Code is hereby repealed and replaced in its entirety to read as follows:

Sections:

| 16.40.010 | Adoption of Fire Codes |
|-----------|--|
| 16.40.020 | Establishment and Duties of Fire Prevention Division |
| 16.40.030 | Definitions |
| 16.40.040 | Fire Service Features |
| 16.40.050 | Fire Protection Systems |
| 16.40.060 | Fire Safety During Construction and Demolition |
| 16.40.070 | Lumber Yards and Woodworking Facilities |
| 16.40.080 | High-piled Combustible Storage |
| 16.40.090 | Section deleted |
| 16.40.100 | Explosives and Fireworks |
| 16.40.110 | Flammable and Combustible Liquids |
| 16.40.120 | Liquefied Petroleum Gases |
| 16.40.130 | Administration |
| 16.40.140 | Special Detailed Requirements Based on Use and Occupancy |
| 16.40.150 | Fire Flow Requirements Based on Use and Occupancy |
| 16.40.160 | Hazard Ranking |

Section 16.40.010 Adoption of the California Fire Code, 2010 Edition, and Appendices Chapter 4, B, and F with certain amendments.

There is hereby adopted by the City Council of the Chartered City of Vista, San Diego County, State of California for the purpose of prescribing regulations governing conditions hazardous to life and property from fire, hazardous materials or explosion, that certain code and standards known as the California Fire Code, 2010 Edition, and Appendices Chapter 4 (Special Detailed Requirements Based on Use and Occupancy); Appendix B (Fire-flow Requirements for Buildings); and Appendix F (Hazard Ranking); save and except such portions as are hereinafter deleted, modified or amended by Sections 16.40.010 through 16.40.340 inclusive of this ordinance. One copy of the above mentioned codes and standards has been and is now filed in the Office of the City Clerk or the Fire Marshal, City of Vista, and the same are hereby adopted and incorporated as fully set forth at length herein, and from the date on which this ordinance shall take effect the provisions thereof shall be controlling within the limits of the Chartered City of Vista.

Section 16.40.020 Establishment and Duties of Fire Prevention Division

- A. The California Fire Code shall be enforced by the Fire Prevention Division in the Fire Department of the City of Vista which is hereby established and which shall be operated under the direction of the Chief of the Fire Department.
- B. A Fire Marshal in charge of the Fire Prevention Division shall be assigned by the Chief of the Fire Department on the basis of examination to determine qualifications.
- C. The Chief of the Fire Department may detail to the Fire Prevention Division such members of the Fire Department as may from time to time be necessary. The Chief of the Fire Department shall recommend to the City Manager the employment of technical inspectors, who, when such authorization is made, shall be selected through an examination to determine their fitness for the position.

Section 16.40.030 Definitions

- A. Whenever the word "jurisdiction" is used in the California Fire Code, it shall be held to mean the jurisdictional boundaries of the City of Vista.
- B. Whenever the term "Corporation Counsel" is used in the California Fire Code, it shall be held to mean the City Attorney for the City of Vista.
- C. Whenever the term "Chief of the Bureau of Fire Prevention" is used in the California Fire Code, it shall be held to mean the "Fire Marshal."
- D. Whenever the abbreviation "CFC" is used it shall mean the California Fire Code.

Chapter 2 DEFINITIONS, Section 202 GENERAL DEFINITIONS is hereby revised by adding the following definitions, to read as follows:

FIRE DEPARTMENT. Any regularly organized fire department, fire protection district, a legally formed volunteer fire department recorded with the County of San Diego, or fire company regularly charged with the responsibility of providing fire protection to the jurisdiction.

FIRE AUTHORITY HAVING JURISDICTION (FAHJ). The designated entity providing enforcement of fire regulations as they relate to planning, construction and development. This entity may also provide fire suppression and other emergency services.

FIRE HAZARD. Any thing that increases or could cause an increase of the hazard or menace of fire to a greater degree than customarily recognized as normal by persons in the public service regularly engaged in preventing, suppressing or extinguishing fire or any thing or act which could obstruct, delay, hinder or

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interfere with the operations of the fire department or egress of occupants in the event of fire.

HIGH-RISE BUILDING paragraph "2" is hereby revised to read as follows:

2. "High-Rise structure" means every building of any type of construction or occupancy having floors used for human occupancy located more than 55 feet above the lowest floor level having building access.

PUBLIC NUISANCE Shall include the existence of dry and drying weeds, rubbish and waste material on property, lands or premises, which is dangerous or injurious to that or neighboring property, lands or premises and which is detrimental to the welfare of the occupants or residents of the vicinity or any other condition declared by this code or as defined under California Civil Code.

RECONSTRUCTION If the value of the reconstruction (or renovations) of a building is equal to or exceeds 75% of the value of the building, the entire building shall comply with the latest adopted code provisions for new construction. The value of the reconstruction (or renovation) for a property shall include the value of all construction stemming from construction related permits issued within the last two years. Values shall be based on current City of Vista building permit fee valuation multipliers.

RESPONSE TIME The interval of time between the times the original incident alarm was dispatched to when the first fire unit arrives on scene.

Section 16.40.040 Fire Service Features

Chapter 3 – General Requirements, Section 316.3 Pitfalls is hereby deleted in its entirety.

Chapter 5 – Fire Service Features, Section 502.1 Definitions is hereby revised by adding the word "Driveway" to read as follows:

FIRE APPARATUS ACCESS ROAD. A road that provides fire apparatus access from a fire station to a facility, building or portion thereof. This is a general term inclusive of all other terms such as *driveway*, fire lane, public street, private street, parking lot, lane and access roadway.

Chapter 5- Section 503.1.2 is hereby revised to read as follows:

Section 503.1.2 Secondary Access. The Chief may require one or more secondary means of access to a project: development or area where he deems that such access is necessary for emergency operations and/or evacuation. The maximum length of

a dead-end road, including all dead-end roads accessed from that dead-end road, shall not exceed the following cumulative lengths, regardless of the number of parcels served:

Parcels zoned for less than 1 acre 800 feet

Parcels zoned for 1 acre to 4.99 acres 1,320 feet

Parcels zoned for 5 acres to 19.99 acres 2,640 feet

Parcels zoned for 20 acres or larger 5,280 feet

These requirements may be modified when, in the opinion of the Chief, conditions warrant.

All lengths shall be measured from the edge of the roadway surface at the intersection that begins the road to the end of the road surface at its farthest point. Where a dead-end road crosses areas of differing zoned parcel sizes, requiring different length limits, the shortest allowable length shall apply.

Secondary access must be remote from the primary access, and must meet all provisions of this Section.

Chapter 5 - Section 503.2.1 is hereby revised to read as follows:

Section 503.2.1 Dimensions. Fire apparatus access roads shall have an unobstructed improved width of not less than 24 feet, except for single-family residential driveways; serving no more than two single-family dwellings, which shall have a minimum of 16 feet of unobstructed improved width.

EXCEPTION:

- Upon approval by the Chief, vertical clearances or width may be reduced; provided such reduction does not impair access by fire apparatus and approved signs are installed and maintained indicating the established vertical clearance.
- 2. Fire access roadways, gated entrances with card readers, guard stations or center medians, which have separated lanes of one-way traffic shall be not less than 12 feet wide per lane.

Chapter 5 - Section 503.2.3 is hereby revised to read as follows:

Section 503.2.3 Fire apparatus access roads shall be designed and maintained to support the imposed loads of fire apparatus (not less than 75,000 lbs. unless authorized by the FAHJ) and shall be provided with an approved paved surface so as to provide all-weather driving capabilities.

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Parcels zoned for less than 1 acre 800 feet

Parcels zoned for 1 acre to 4.99 acres 1,320 feet

Parcels zoned for 5 acres to 19.99 acres 2,640 feet

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Chapter 5- Section 503.2.4 is hereby revised to read as follows:

Section 503.2.4 Turning Radius is hereby revised to read as follows: The turning radius of a fire apparatus access road shall be a minimum of 28 feet as measured to the inside edge of the improvement width or as approved by the Chief.

Chapter 5 - Section 503.2.5 is hereby revised to read as follows:

Section 503.2.5 Dead Ends: Unless otherwise approved by the Chief, a cul-de-sac shall be provided in residential areas where the access roadway serves more than two structures. The minimum unobstructed paved radius width for a cul-de-sac shall be 36 feet in residential areas and 40 feet in commercial areas.

Chapter 5- Section 503.2.7 is hereby revised to read as follows:

Section 503.2.7 Grade: The gradient for a fire apparatus access roadway shall not exceed 20.0%. Grades exceeding 15.0% (incline or decline) shall not be permitted without mitigation. Minimal mitigation shall be the installation of fire sprinkler systems and a surface of Portland cement concrete (PCC), with a deep broom finish perpendicular to the direction of travel, or equivalent, to enhance traction. The Chief may require additional mitigation measures where he deems appropriate. The angle of departure and angle of approach of a fire access roadway shall not exceed seven degrees (12 percent) or as approved by the Chief.

Chapter 5- Section 503.4.1 is hereby added to read as follows:

Section 503.4.1 Roadway Design Features. Roadway design features (speed bumps, speed humps, speed control dips, etc.) which may interfere with emergency apparatus responses shall not be installed on fire access roadways, unless they meet design criteria approved by the Chief.

Chapter 5 - Section 503.6.1 is hereby revised to read as follows:

Section 503.6.1 Gate Design. All gates or other structures or devices which could obstruct fire access roadways or otherwise hinder emergency operations are prohibited unless they meet standards approved by the Chief, and receive Specific Plan approval.

All automatic gates across fire access roadways and driveways shall be equipped with approved emergency key-operated switches overriding all command functions and opening the gate(s). Gates accessing more than four residences or residential lots, or gates accessing hazardous institutional, educational or assembly occupancy group structures, shall be automatic and shall be equipped with approved emergency traffic control-activating strobe light sensor(s), or other devices approved by the Chief, which will activate the gate on the approach of emergency

apparatus with a battery back-up or manual mechanical disconnect in case of power failure.

All automatic gates must meet fire department policies deemed necessary by the Chief for rapid, reliable access.

Automatic gates serving more than one dwelling or residential lot in existence at the time of adoption of this ordinance are required to install an approved emergency key-operated switch, or other mechanism approved by the Chief, at an approved location, which overrides all command functions and opens the gate(s). Property owners must comply with this requirement within 90 days of written notice to comply.

Where this section requires an approved key-operated switch, it shall be dual keyed or dual switches provided to facilitate access by law enforcement personnel, unless the gate serves only one single family residence.

Chapter 5 – SECTION 505 PREMISES IDENTIFICATION Section 505.1 is hereby revised to read as follows:

Section 505.1 Address Numbers. Approved numbers and/or addresses shall be placed on all new and existing buildings and at appropriate additional locations as to be plainly visible and legible from the street or roadway fronting the property from either direction of approach. Said numbers shall contrast with their background, and shall meet the following minimum standards as to size: 4" high with a 3/8" stroke for residential buildings, 6" high with a ½" stroke for commercial and multi-residential buildings, 12" high with a 1" stroke for industrial buildings. Additional numbers shall be required where deemed necessary by the Fire Marshal, such as rear access doors, building corners, and entrances to commercial centers. The Fire Chief may establish different minimum sizes for numbers for various categories of projects.

Chapter 5 - Section 505.3 is hereby added to read as follows:

Section 505.3 Easement Address Signs. All easements which are not named differently from the roadway, from which they originate, shall have an address sign installed and maintained, listing all street numbers occurring on that easement, located where the easement intersects the named roadway. Minimum size of numbers on that sign shall be four inches in height with a minimum stroke of 3/8", and shall contrast with the background.

Chapter 5 - Section 505.4 is hereby added to read as follows:

Section 505.4 Map/Directory. A lighted directory map, meeting current fire department standards, shall be installed at each driveway entrance to multiple unit

apparatus with a battery back-up or manual mechanical disconnect in case of power failure.

All automatic gates must meet fire department policies deemed necessary by the Chief for rapid, reliable access.

Automatic gates serving more than one dwelling or residential lot in existence at the time of adoption of this ordinance are required to install an approved emergency key-operated switch, or other mechanism approved by the Chief, at an approved location, which overrides all command functions and opens the gate(s). Property owners must comply with this requirement within 90 days of written notice to comply.

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residential projects and mobile home parks, where the numbers of units in such projects exceed 15.

Chapter 5 - Section 505.5 is hereby added to read as follows:

Section 505.5 Street Naming and Signs. All new public roads, private roads within major subdivisions, and all private road easements serving four or more parcels shall be named. The naming process shall be in accordance with Vista Development Code Section 19.04. Proposed road names shall receive the approval of the Chief, to avoid conflict with existing names. Road name signs shall be provided by property owners, and shall comply with County of San Diego Department of Public Works Regional Design Standard #DS-13.

Chapter 5 - Section 505.6 is hereby added to read as follows:

Section 505.6 Response Map Updates. Any new development, which necessitates updating of emergency response maps by virtue of new structures, hydrants, roadways or similar features, shall be required to provide map updates in a format (PDF and/or CAD format as approved by the FAHJ) or compatible with current department mapping services, and shall be charged a reasonable fee for updating all response maps.

Chapter 5 Section 506.1.2 is hereby added to read as follows:

Section 506.1.2 Emergency Key Access. All central station-monitored fire detection systems and fire sprinkler systems shall have an approved emergency key access box on site in an approved location. The owner or occupant shall provide and maintain current keys for the structure(s) for fire department placement in the box, and shall notify the fire department in writing when the building is re-keyed.

Chapter 5 Section 507.2.2 Water Tanks is hereby revised to read as follows:

507.2.2 Water Tanks. Water storage tanks, when permitted by the Chief, shall comply with Table No. 507.2.2

| TABLE NO. 507.2.2 | | | | |
|----------------------|----------------------------------|---------------------|---------------------|--|
| Building Square Feet | Gallons Per Minute Water Flow | Capacity Gallons | Duration Minutes | |
| Up to 1,500 | 250 | 5,000 | 20 | |
| Over 1,500 | 250 | 10,000 | 40 | |

When exposure distance is one hundred feet (100') or less from adjacent property an increase in water storage may be required by the Chief.

- 1. Tank bottom elevation shall be equal to or higher than the fire department connection on the premises. Regardless of domestic use, all tanks shall be equipped with a device that will ensure that the tank contains the designated amount of water for fire flow duration as determined by the fire department. Tank size may be increased to serve multiple structures on a single parcel.
- 2. Supply outlet shall be at least 4 inches in diameter from the base of the tank to the point of outlet at the fire department connection. The fire department connection shall be at least one 4-inch National Standard Thread (male), reduced to one 2 ½ inch National Standard Thread (Male). Additional outlets may be required.
- 3. Location of fire department outlet to be determined on the plot plan when submitted to the fire department. Consideration will be given to topography, elevations, and distance from structures, driveway access, prevailing winds, etc.
- 4. The outlet shall be located along an access roadway and shall not be closer than 50 feet nor further than 150 feet from the structure.
- 5. All exposed tank supply pipes shall be of an alloy or other material listed for above ground use. Adequate support shall be provided.
- 6. Water storage tanks shall be constructed from materials approved by the Fire Marshal and installed per manufacturer recommendations.
- 7. The Chief may require any necessary information to be submitted on a plot plan for approval.
- 8. Vessels previously used for products other than water shall not be permitted.

Chapter 5 – Section 507.3 Fire flow is hereby amended to read as follows:

Section 507.3 Fire flow. Fire flow shall be based on Appendix B. Consideration should be given to increasing the gallons per minute set forth in Appendix B to protect structures of extremely large square footage and for such reasons as: poor access roads; grade and canyon rims; hazardous brush; and response times greater than five minutes.

In hazardous fire areas as defined in Appendix B, the main capacity for new subdivisions shall be not less than 2,500 gallons per minute unless otherwise approved by the Fire Chief.

If fire flow increases are not feasible, the Fire Chief may require alternative design standards such as: alternative types of construction providing a higher level of fire resistance; fuel break requirements which could include required irrigation; modified access road requirements; specified setback

- 1. Tank bottom elevation shall be equal to or higher than the fire department connection on the premises. Regardless of domestic use, all tanks shall be equipped with a device that will ensure that the tank contains the designated amount of water for fire flow duration as determined by the fire department. Tank size may be increased to serve multiple structures on a single parcel.
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- 7. The Chief may require any necessary information to be submitted on a plot plan for approval.
- 8. Vessels previously used for products other than water shall not be permitted.

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distances for building sites addressing canyon rim developments and hazardous brush areas; and other requirements authorized by this Code and as specified by the Fire Chief.

Chapter 5 – Section 507.5.1 Where required is hereby revised as follows:

Section 508.5.1 Where required. Where a portion of a facility or building hereafter constructed or moved into or within the jurisdiction is more than 150 feet from a hydrant on a fire apparatus access road.

Chapter 5 Section 507.5.1.1 Fire hydrant Spacing

Chapter 5 Section 507.5.1.1 Fire hydrant Spacing. Fire hydrants shall be installed as required by the Chief, using the following criteria and taking into consideration departmental operational needs. Hydrants shall be located at intersections, at the beginning radius of cul-de-sacs and at intervals identified in the following table and criteria. Hydrants located across heavily traveled roadways shall be not considered as serving the subject property.

Section 508.5.1.1.1 In zones other than industrial, commercial and multi-family, fire hydrants shall be installed in accordance with Table No. 508.1.1.1.

TABLE 507.5.1.1.1-A

Single Family Dwellings Without Automatic Fire Sprinklers

Parcels 2-1/2 acres and larger: Every 1,000 feet

Parcels ½ to 2-½ acres: Every 500 feet

Parcels less than ½ acre: Every 350 feet

In projects zoned for single-family residential, and where all structures on the access roadway are equipped with fire sprinkler systems meeting appropriate standards of this Ordinance, the Chief may require hydrants to be installed in accordance with Table No. 508.5.1.1.1-B.

TABLE 507.5.1.1.1-B

Single Family Dwellings With Automatic Fire Sprinklers

Parcels 2-1/2 acres and larger: Every 1,300 feet

Parcels ½ to 2-½ acres:

Every 850 feet

Parcels less than ½ acre:

Every 650 feet

Section 507.5.1.1.2

In multi-family zones and in commercial and industrial zones, fire hydrants shall be installed at intersections, at the beginning radius of cul-de-sacs, and every 300 feet of fire access roadways, regardless of parcel size.

EXCEPTION: When improved methods of fire protection are provided, beyond those required by the Code, and accepted by the Chief, adjusted spacing of fire hydrants from those set forth above may be considered.

Section 507.5.1.1.3

All fire hydrants shall be of bronze construction, including all internal parts except seats. Alternate materials may be used if approved by the Fire Marshal and the local water district having jurisdiction. The stems shall be designed and installed in a manner that will ensure that they will not be projected outward from the main body by internal water pressure due to disassembly. The number and size of fire hydrant outlets shall be as follows:

- 1. One 4 inch and one 2-1/2 inch NST outlet. (4", 2-1/2")
- 2. One 4 inch and two $2-\frac{1}{2}$ inch NST outlets. $(4^{\prime\prime}, 2-\frac{1}{2}^{\prime\prime}, 2-\frac{1}{2}^{\prime\prime})$

In some instances the Chief may require the fire hydrant(s) to have any other combination of 4 inch and 2-1/2 inch outlets.

Chapter 5 Section 507.5.1.2 Waterline Extensions is hereby added to read as follows:

Chapter 5 Section 507.5.1.2 Waterline Extensions. The Chief may require a waterline extension for the purpose of installing a fire hydrant if the water main is 1,500 feet or less from the property line.

Section 16.40.050 Fire Protection Systems

Chapter 9 - Fire Protection Systems, SECTION 902.1 Definitions is hereby revised by adding a definition of LIFE SAFETY SPRINKLER SYSTEM to read as follows:

Parcels ½ to 2-½ acres: Every 850 feet

Parcels less than ½ acre: Every 650 feet

Section 507.5.1.1.2

In multi-family zones and in commercial and industrial zones, fire hydrants shall be installed at intersections, at the beginning radius of cul-de-sacs, and every 300 feet of fire access roadways, regardless of parcel size.

EXCEPTION: When improved methods of fire protection are provided, beyond those required by the Code, and accepted by the Chief, adjusted spacing of fire hydrants from those set forth above may be considered.

Section 507.5.1.1.3

All fire hydrants shall be of bronze construction, including all internal parts except seats. Alternate materials may be used if approved by the Fire Marshal and the local water district having jurisdiction. The stems shall be designed and installed in a manner that will ensure that they will not be projected outward from the main body by internal water pressure due to disassembly. The number and size of fire hydrant outlets shall be as follows:

- 1. One 4 inch and one 2-1/2 inch NST outlet. (4", 2-1/2")
- 2. One 4 inch and two $2-\frac{1}{2}$ inch NST outlets. $(4^{"}, 2-\frac{1}{2}^{"}, 2-\frac{1}{2}^{"})$

In some instances the Chief may require the fire hydrant(s) to have any other combination of 4 inch and 2-1/2 inch outlets.

Chapter 5 Section 507.5.1.2 Waterline Extensions is hereby added to read as follows:

Chapter 5 Section 507.5.1.2 Waterline Extensions. The Chief may require a waterline extension for the purpose of installing a fire hydrant if the water main is 1,500 feet or less from the property line.

Section 16.40.050 Fire Protection Systems

Chapter 9 - Fire Protection Systems, SECTION 902.1 Definitions is hereby revised by adding a definition of LIFE SAFETY SPRINKLER SYSTEM to read as follows:

LIFE SAFETY SPRINKLER SYSTEM shall meet National Fire Protection Association Standards 13-D or 13-R; or Section R313.3 of the California Residential Code as appropriate.

Chapter 9 - AUTOMATIC SPRINKLER SYSTEMS Section 903.2 is hereby revised to read as follows:

903.2 Where Required. Approved automatic sprinkler systems in new buildings and structures shall be provided throughout all buildings hereinafter constructed of 5000 square feet or more in total floor area; or when additions of more than 10% in square footage result in a structure of 5000 or more square feet (mezzanines shall be included and fire walls shall not be considered as creating separate buildings); or when buildings are built on or near a property line other than a public way where the distance from the property line is less than the sum of one-fifth the height, plus any overhang, plus five (5) feet; or when any building requires a 2,500 or larger gallon per minute fire flow; or as described in Sections 903.2.1 through 903.2.12.

903.2.8 Group R Residential and Accessory Structures. All

Residential occupancies and attached garages, carports, workshops and storage rooms hereinafter constructed shall have approved fire sprinkler systems installed and maintained.

Exception: An automatic residential fire sprinkler system shall not be required for additions or alterations to existing building that are not already provided with an automatic residential sprinkler system. Detached R occupancy buildings accessory to a single or two-family building intended for intermittent use and less than 500 square feet will not require fire sprinkler protection.

Section 16.40.060 Fire Safety During Construction and Demolition

Chapter 14 - FIRE SAFETY DURING CONSTRUCTION AND DEMOLITION is hereby revised by adding SECTION 1418 FUEL OR VEGETATION MODIFICATION to read as follows:

SECTION 1418 FUEL OR VEGETATION MODIFICATION Prior to combustibles arriving on site, required fuel modification shall be maintained.

Section 16.40.070 Lumber Yards and Woodworking Facilities

Chapter 19 – LUMBER YARDS AND WOODWORKING FACILITIES, Section 1908 - STORAGE AND PROCESSING OF WOOD CHIPS, HOGGED MATERIALS FINES, COMPOST AND RAW PRODUCT IN ASSOCIATION WITH YARD WASTE AND RECYCLING FACILITIES is hereby revised by adding certain amendments, to read as follows:

1908.1 General. The storage and processing (mulching, composting) of wood chips, hogged materials, fines, compost and raw product produced from yard waste, debris and recycling facilities shall be in accordance with section 1908.

1908.1.1 Definitions. For the purpose of section 1908, certain words and phrases are defined and certain provisions shall be construed as set forth herein, unless it is apparent from the context that a different meaning is intended.

1908.11 Security Bond/Financial Commitment for Cost Recovery. A security bond or other approved form of financial commitment may be required by the Chief to be posted, in an amount determined by the Chief, not less than \$25,000.00, nor more than \$100,000.00, depending on the size of operation. The security bond or financial commitment shall reimburse the fire department for expenses incurred in any emergency response and/or enforcement action by the fire department to protect the public from fire or hazardous substances related to the operation. The security bond/financial commitment shall be returned to the operator in a timely fashion upon satisfactory closure of the operation as determined by the Chief.

1908.12 Permit Required. A permit shall be obtained from the fire department prior to engaging in the operation and storing processed of wood chips, hogged material, fines, compost and raw product in association with yard waste and similar material recycling facilities. (See Appendix Chapter 1 section 105.6) The permit shall be renewed on an annual basis, or shall be limited to such period of

Section 16.40.080 High-piled Combustible Storage

CHAPTER 23 – HIGH-PILED COMBUSTIBLE STORAGE, Table 2306.2 General Fire and Life Safety Requirements is hereby amended by deleting Footnote j.

Section 16.40.100 Explosives and Fireworks

CHAPTER 33 – EXPLOSIVES AND FIREWORKS is hereby revised by adding Section 3308.2 – Fireworks Prohibited to read as follows:

Chapter 19 – LUMBER YARDS AND WOODWORKING FACILITIES, Section 1908 - STORAGE AND PROCESSING OF WOOD CHIPS, HOGGED MATERIALS FINES, COMPOST AND RAW PRODUCT IN ASSOCIATION WITH YARD WASTE AND RECYCLING FACILITIES is hereby revised by adding certain amendments, to read as follows:

1908.1 General. The storage and processing (mulching, composting) of wood chips, hogged materials, fines, compost and raw product produced from yard waste, debris and recycling facilities shall be in accordance with section 1908.

1908.1.1 Definitions. For the purpose of section 1908, certain words and phrases are defined and certain provisions shall be construed as set forth herein, unless it is apparent from the context that a different meaning is intended.

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Section 16.40.080 High-piled Combustible Storage

CHAPTER 23 – HIGH-PILED COMBUSTIBLE STORAGE, Table 2306.2 General Fire and Life Safety Requirements is hereby amended by deleting Footnote j.

Section 16.40.100 Explosives and Fireworks

CHAPTER 33 – EXPLOSIVES AND FIREWORKS is hereby revised by adding Section 3308.2 – Fireworks Prohibited to read as follows:

Section 3308.2 – Fireworks Prohibited. The sale, discharge, firing or use of all firecrackers, bombs, rockets, torpedoes, roman candles, "Safe and Sane" or other fireworks or substances designed and intended for pyrotechnic display, and of all firework pistols/cannons, or other appliances using blank cartridges or caps containing chlorate of potash mixture or other mixtures designed to make an explosive sound, is hereby prohibited within the City of Vista. The Fire Chief may permit the public display of fireworks by properly qualified individuals or organized bodies under the direct supervision of experts in the handling of fireworks.

Section 16.40.110 Flammable and Combustible Liquids

CHAPTER 34 – FLAMMABLE AND COMBUSTIBLE LIQUIDS, Section 3405.2.4 Class I, II and III liquids, Exception 4 is revised to read as follows:

4. Gravity dispensing of Class I and II liquids is prohibited. Dispensing devices for flammable and combustible liquids shall be of an approved type. Approved pumps taking suction from the top of the tank shall be used. Flammable or combustible liquids shall not be dispensed by a device that operates through pressure within a storage tank. Air or oxygen shall not be used to pressurize an above ground tank.

Section 3406.2.4.4 The geographic limits in which the storage of Class I and Class II liquids in above-ground tanks is prohibited is hereby established as the jurisdictional limits of the City of Vista.

Section 16.40.120 Liquefied Petroleum Gases

Section 3804.2 The limits referred to in Section 3804.2 of the California Fire Code, in which storage of liquefied petroleum gas is restricted, are hereby established as the jurisdictional limits of the City of Vista.

Section 16.40.130 Administration

SECTION 101 – GENERAL, Section 101.1 Title is hereby amended by inserting Chartered City of Vista in place of [NAME OF JURISDICTION].

SECTION 102 - APPLICABILITY is hereby revised by adding Section 102.10 Repeal of Conflicting Ordinances, Resolutions or Motions to read as follows:

Section 102.10 Repeal of Conflicting Ordinances, Resolutions or Motions. All former ordinances, resolutions or motions, or parts thereof, conflicting or inconsistent with the provisions of this Ordinance or of the Code or standards hereby adopted are hereby repealed.

SECTION 103 – DEPARTMENT OF FIRE PREVENTION is hereby revised by adding **Section 103.2.1** and **Section 103.5** to read as follows:

Section 103.2.1 Fire Prevention Engineer or Fire Marshal. The Fire Marshal shall be any person designated by the Chief to exercise the powers and perform the duties of the fire prevention engineer or Fire Marshal as set forth in this Code.

Section 103.5 Expense Recovery. When deemed necessary, the Chief may impose a fee for recovery of expenses incurred as a result of activities undertaken pursuant to enforcing the fire prevention provisions of this Code.

Section 104, General Authority and Responsibilities is hereby revised by adding Section 104.12, Cost Recovery to read as follows:

Section 104.12 Cost Recovery. The purpose of this section is to establish authority to obtain reimbursement from responsible individuals for the expenses of any emergency response and/or enforcement action by the Vista Fire Department to protect the public from criminal or negligible activities, and from fire or hazardous substances.

Section 104, General Authority and Responsibilities is hereby revised by adding Section 104.12.1 Reimbursement required to read as follows:

Section 104.12.1 Reimbursement required. In accordance with the Health and Safety Code Section 13000 et seq., an individual who acts negligently or in violation of the law and thereby requires the jurisdiction to provide an emergency response to a danger posed by a fire or hazardous substance shall be liable for reimbursement to the agency for the costs incurred. In accordance with Government Code Sections 53150 through 53158, any individual who is under the influence of an alcoholic beverage or any drug or the combined influence of an alcoholic beverage or any drug, and whose negligent operation of a motor vehicle, boat or vessel or civil aircraft caused by that influence proximately causes any incident and thereby requires the agency to provide an emergency response shall reimburse the agency for the cost incurred.

SECTION 105 – PERMITS, Section 105.3.2 Extensions is hereby amended to read:

SECTION 102 - APPLICABILITY is hereby revised by adding Section 102.10 Repeal of Conflicting Ordinances, Resolutions or Motions to read as follows:

Section 102.10 Repeal of Conflicting Ordinances, Resolutions or Motions. All former ordinances, resolutions or motions, or parts thereof, conflicting or inconsistent with the provisions of this Ordinance or of the Code or standards hereby adopted are hereby repealed.

SECTION 103 – DEPARTMENT OF FIRE PREVENTION is hereby revised by adding Section 103.2.1 and Section 103.5 to read as follows:

Section 103.2.1 Fire Prevention Engineer or Fire Marshal. The Fire Marshal shall be any person designated by the Chief to exercise the powers and perform the duties of the fire prevention engineer or Fire Marshal as set forth in this Code.

Section 103.5 Expense Recovery. When deemed necessary, the Chief may impose a fee for recovery of expenses incurred as a result of activities undertaken pursuant to enforcing the fire prevention provisions of this Code.

Section 104, General Authority and Responsibilities is hereby revised by adding Section 104.12, Cost Recovery to read as follows:

Section 104.12 Cost Recovery. The purpose of this section is to establish authority to obtain reimbursement from responsible individuals for the expenses of any emergency response and/or enforcement action by the Vista Fire Department to protect the public from criminal or negligible activities, and from fire or hazardous substances.

Section 104, General Authority and Responsibilities is hereby revised by adding Section 104.12.1 Reimbursement required to read as follows:

Section 104.12.1 Reimbursement required. In accordance with the Health and Safety Code Section 13000 et seq., an individual who acts negligently or in violation of the law and thereby requires the jurisdiction to provide an emergency response to a danger posed by a fire or hazardous substance shall be liable for reimbursement to the agency for the costs incurred. In accordance with Government Code Sections 53150 through 53158, any individual who is under the influence of an alcoholic beverage or any drug or the combined influence of an alcoholic beverage or any drug, and whose negligent operation of a motor vehicle, boat or vessel or civil aircraft caused by that influence proximately causes any incident and thereby requires the agency to provide an emergency response shall reimburse the agency for the cost incurred.

SECTION 105 – PERMITS, Section 105.3.2 Extensions is hereby amended to read:

Section 105.3.2 Time limitation of application. An application for a permit for any proposed work shall be deemed to have been abandoned 180 days after the date of filling, unless such application has been pursued in good faith or a permit has been issued: except that the building official is authorized to grant one extension of time for an additional period of 180 days. The extension shall be required in writing and justifiable cause demonstrated.

SECTION 105 - PERMITS is hereby revised by adding **Section 105.3.8 Expense Recovery**, to read as follows:

SECTION 105 – PERMITS, Section 105.5 Revocation is hereby amended to read:

Section 105.5 Expiration. Every permit issued shall become invalid unless the work on the site authorized by such permit is commenced within 180 days after its issuance, or if the work authorized on the site by such permit is suspended or abandoned for a period of 180 days after the time the work is commenced. The building official is authorized to grant in writing one time extension of 180 days. The extension shall be required in writing and justifiable cause demonstrated.

SECTION 105 - PERMITS - Section 105.6 Required Operational Permits is hereby revised by adding the following subsections to read as follows:

Section 105.6.48 Christmas Tree Lots. To operate a Christmas tree lot, with or without flame proofing services.

Section 105.6.49 Greenwaste Recycling, Mulching, Composting Operations and Storage. Permit is required per section 1908.19 of Chapter 19

SECTION 108 - APPEALS, is hereby amended to read as follows:

Section 108. APPEALS PROCEDURE

When a request for an alternate means of fire protection has been denied by the Chief, or when it is claimed that the provisions of the Code do not apply or that the true intent and meaning of the Code have been misconstrued or wrongly interpreted, the applicant may appeal the decision of the Chief to the City Manager, then to the City Council, provided that written notice of appeal is filed with the City Clerk within 30 days after the date of decision.

SECTION 109 - VIOLATIONS, Section 109.3 Violation penalties is hereby amended to read:

Section 109.3 Violation Penalties.

- A. Any person who shall violate any of the provisions of this code or standards hereby adopted or fail to comply therewith, or who shall violate or fail to comply therewith, or who shall violate or fail to comply with any order made there under, or who shall build in violation of any detailed statement or specification or plans submitted and approved hereunder, or any certificate or permit issued hereunder, and from which no appeal has been taken, shall for each and every violation and noncompliance respectively, be guilty of a misdemeanor, punishable by a fine not exceeding \$1000 00 or by imprisonment in County Jail not exceeding six 6 months, or both. The imposition of one penalty of any violation shall not excuse the violation or permit it to continue; and all such persons shall be required to correct or remedy such violations or defects within a reasonable time; and when not otherwise specified, each day that prohibited condition is maintained, shall constitute a separate offense.
- B. The provisions of this code may also be enforced by administrative citations as provided in Chapter 1 13 of the Vista Municipal Code.
- C. The City Attorney is authorized to file suit in Superior Court to enforce the provisions of this code.
- D. The application of the above penalty shall not be held to prevent the enforced removal of prohibited conditions.

SECTION 111 - STOP WORK ORDER, Section 111.4 Failure to Comply is hereby amended to read:

Section 111.4 Failure to Comply. Any person who shall continue any work, having been served with a stop work order, except such work as that the person is directed to perform to remove a violation or unsafe condition, shall be liable to a fine of not less than \$250 or more than \$1,000.

Section 16.40.140 Special Detailed Requirements Based on Use and Occupancy

APPENDIX CHAPTER 4 – SPECIAL DETAILED REQUIREMENTS BASED ON USE AND OCCUPANCY is hereby adopted in its entirety.

Section 16.40.150 Fire-Flow Requirements for Buildings

APPENDIX B – FIRE-FLOW REQUIREMENTS FOR BUILDINGS is hereby adopted in its entirety.

APPENDIX B – A definition of **HAZARDOUS FIRE AREA** is hereby added to Appendix B102.1 to read as follows:

Section 109.3 Violation Penalties.

- A. Any person who shall violate any of the provisions of this code or standards hereby adopted or fail to comply therewith, or who shall violate or fail to comply therewith, or who shall violate or fail to comply with any order made there under, or who shall build in violation of any detailed statement or specification or plans submitted and approved hereunder, or any certificate or permit issued hereunder, and from which no appeal has been taken, shall for each and every violation and noncompliance respectively, be guilty of a misdemeanor, punishable by a fine not exceeding \$1000 00 or by imprisonment in County Jail not exceeding six 6 months, or both. The imposition of one penalty of any violation shall not excuse the violation or permit it to continue; and all such persons shall be required to correct or remedy such violations or defects within a reasonable time; and when not otherwise specified, each day that prohibited condition is maintained, shall constitute a separate offense.
- B. The provisions of this code may also be enforced by administrative citations as provided in Chapter 1 13 of the Vista Municipal Code.
- C. The City Attorney is authorized to file suit in Superior Court to enforce the provisions of this code.
- D. The application of the above penalty shall not be held to prevent the enforced removal of prohibited conditions.

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Section 111.4 Failure to Comply. Any person who shall continue any work, having been served with a stop work order, except such work as that the person is directed to perform to remove a violation or unsafe condition, shall be liable to a fine of not less than \$250 or more than \$1,000.

Section 16.40.140 Special Detailed Requirements Based on Use and Occupancy

APPENDIX CHAPTER 4 – SPECIAL DETAILED REQUIREMENTS BASED ON USE AND OCCUPANCY is hereby adopted in its entirety.

Section 16.40.150 Fire-Flow Requirements for Buildings

APPENDIX B – FIRE-FLOW REQUIREMENTS FOR BUILDINGS is hereby adopted in its entirety.

APPENDIX B – A definition of **HAZARDOUS FIRE AREA** is hereby added to Appendix B102.1 to read as follows:

HAZARDOUS FIRE AREA. Any geographic area mapped by the State or local jurisdiction as a high, very high, or extreme fire hazard area, or as set forth by the FAHJ that contains the type and condition of vegetation, topography, weather, and structure density to potentially increase the possibility of vegetation conflagration fires shall be considered a hazardous fire area.

Appendix B - The reference to NFPA 1142 is hereby deleted.

Section 16,40.160 Hazard Ranking

APPENDIX F – Hazard Ranking is hereby adopted in its entirety.

SECTION 4. That City of Vista Ordinance No. 2007-22 which adopted by reference the California Fire Code, 2007 Edition, the International Fire Code, 2006 Edition and Appendices Chapter 1, Chapter 4, B, D, and F with certain amendments and all other ordinances or parts of ordinances in conflict herewith are hereby repealed.

SECTION 5. That if any section, subsection, sentence, clause or phrase of this ordinance is, for any reason, held to be unconstitutional, such decision shall not affect the validity of the remaining portions of this ordinance. The City Council hereby declares that it would have passed this ordinance, and each section, subsection, clause or phrase thereof, irrespective of the fact that any one or more sections, subsections, sentences, clauses and phrases be declared unconstitutional.

SECTION 6. That nothing in this ordinance or in the Fire Code hereby adopted shall be construed to affect any suit or proceeding impending in any court, or any rights acquired, or liability incurred, or any cause or causes of action acquired or existing, under any act or ordinance hereby repealed as cited in Section 4 of this ordinance; nor shall any just or legal right or remedy of any character be lost, impaired or affected by this ordinance.

SECTION 7. That Section 3 of this Ordinance shall be codified.

SECTION 8. That this ordinance and the rules, regulations, provisions, requirements, orders and matters established and adopted hereby shall take effect and be in full force and effect on January 1, 2010.

SECTION 9. Upon passage, the City Clerk shall transmit a copy of this Ordinance to the

California Building Standards Commission pursuant to Health and Safety Code section 17958.7 and to the Department of Housing and Community Development (Health and Safety Code Section 13869.7).

| October | , 2010, and thereafter pass | neeting of the City Council on the 12th day of ed and adopted by the City Council at a regular ber, 2010, by the following vote: |
|----------------------------|-------------------------------------|--|
| AYES: NOES: ABSTAIN: | NONE | R, GRONKE, CAMPBELL, LOPEZ |
| | | Morris B. Vance, Mayor |
| | O AS TO FORM: PER, CITY ATTORNEY | ATTEST: Marci Kilian, City Clerk |
| | 76- | San hill |

APPROVED Jonathan B. Stone 1316 093010

California Building Standards Commission pursuant to Health and Safety Code section 17958.7 and to the Department of Housing and Community Development (Health and Safety Code Section 13869.7).

INTRODUCED at a regular meeting of the City Council on the 12th day of October, 2010, and thereafter passed and adopted by the City Council at a regular meeting held on the 12th day of October, 2010, by the following vote:

AYES:

MAYOR VANCE, RITTER, GRONKE, CAMPBELL, LOPEZ

NOES:

NONE

ABSTAIN: NONE

MORRIS B. VANCE, MAYOR

APPROVED AS TO FORM:

DAROLD PIEPER, CITY ATTORNEY

ATTEST:

MARCI KILIAN, CITY CLERK

Ву:

By: Warcitalian

APPROVED Jonathan B. Stone 1316 093010

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